

## **RAW SEQUENCE LISTING**

**The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) no errors detected.**

Application Serial Number: 10/567,958  
Source: IFWP  
Date Processed by STIC: 2/28/06

# ***ENTERED***

**CRF Errors Edited by the STIC Systems Branch**

Serial Number:

10/567, 958

CRF Edit Date:

Edited by:

2/28/06  
ZC

\_\_\_ Realigned nucleic acid/amino acid numbers/text in cases where the sequence text "wrapped" to the next line

\_\_\_ Corrected the SEQ ID NO. Sequence numbers edited were:

\_\_\_\_\_

\_\_\_ Inserted or corrected a nucleic number at the end of a nucleic line. SEQ ID NO's edited:

\_\_\_\_\_

☒ Deleted: ☒ invalid beginning/end-of-file text ; \_\_\_ page numbers

\_\_\_ Inserted mandatory headings/numeric identifiers, specifically:

\_\_\_\_\_

\_\_\_ Moved responses to same line as heading/numeric identifier, specifically:

\_\_\_\_\_

\_\_\_ Other:

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Revised 09/09/2003



IFWP

## RAW SEQUENCE LISTING

DATE: 02/28/2006

PATENT APPLICATION: US/10/567,958

TIME: 12:43:48

Input Set : A:\PTO.KD.txt

Output Set: N:\CRF4\02272006\J567958.raw

```

3 <110> APPLICANT: The Board of Trustees of the University of Illinois
4      Kumar, Nalin M.
5      Yue, Beatrice
6      Siddiqui, Shahid
7      Malik, Asrar B.
8      Pulido, Jose S.
10 <120> TITLE OF INVENTION: SILENCING OF TGF-BETA TYPE II RECEPTOR EXPRESSION BY siRNA
12 <130> FILE REFERENCE: UIC0005WO
C--> 14 <140> CURRENT APPLICATION NUMBER: US/10/567,958
C--> 14 <141> CURRENT FILING DATE: 2006-02-10
14 <150> PRIOR APPLICATION NUMBER: US 60/495,161
15 <151> PRIOR FILING DATE: 2003-08-13
17 <150> PRIOR APPLICATION NUMBER: US 60/517,809
18 <151> PRIOR FILING DATE: 2003-11-06
20 <150> PRIOR APPLICATION NUMBER: US 60/561,542
21 <151> PRIOR FILING DATE: 2004-04-09
23 <150> PRIOR APPLICATION NUMBER: PCT/US2004/025984
24 <151> PRIOR FILING DATE: 2004-08-10
26 <160> NUMBER OF SEQ ID NOS: 161
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33 <213> ORGANISM: Homo sapiens
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42 <213> ORGANISM: Homo sapiens
44 <400> SEQUENCE: 2
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49 <211> LENGTH: 20
50 <212> TYPE: DNA
51 <213> ORGANISM: Homo sapiens
53 <400> SEQUENCE: 3
54 agcatgagaa catactccag                                20
57 <210> SEQ ID NO: 4
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59 <212> TYPE: DNA
60 <213> ORGANISM: Homo sapiens
62 <400> SEQUENCE: 4

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PATENT APPLICATION: US/10/567,958

TIME: 12:43:48

Input Set : A:\PTO.KD.txt

Output Set: N:\CRF4\02272006\J567958.raw

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72 <223> OTHER INFORMATION: Synthetic oligonucleotide
74 <400> SEQUENCE: 5
75 uccugcauga gcaacugcat t 21
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80 <212> TYPE: DNA
81 <213> ORGANISM: Artificial Sequence
83 <220> FEATURE:
84 <223> OTHER INFORMATION: Synthetic oligonucleotide
86 <400> SEQUENCE: 6
87 ttaggacgua cucguugacg u 21
90 <210> SEQ ID NO: 7
91 <211> LENGTH: 21
92 <212> TYPE: DNA
93 <213> ORGANISM: Artificial Sequence
95 <220> FEATURE:
96 <223> OTHER INFORMATION: Synthetic oligonucleotide
98 <400> SEQUENCE: 7
99 ggccaagcug aagcagaact t 21
102 <210> SEQ ID NO: 8
103 <211> LENGTH: 21
104 <212> TYPE: DNA
105 <213> ORGANISM: Artificial Sequence
107 <220> FEATURE:
108 <223> OTHER INFORMATION: Synthetic oligonucleotide
110 <400> SEQUENCE: 8
111 ttccgguucg acuucgucuu g 21
114 <210> SEQ ID NO: 9
115 <211> LENGTH: 21
116 <212> TYPE: DNA
117 <213> ORGANISM: Artificial Sequence
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120 <223> OTHER INFORMATION: Synthetic oligonucleotide
122 <400> SEQUENCE: 9
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126 <210> SEQ ID NO: 10
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128 <212> TYPE: DNA
129 <213> ORGANISM: Artificial Sequence
131 <220> FEATURE:
132 <223> OTHER INFORMATION: Synthetic oligonucleotide
134 <400> SEQUENCE: 10
135 ttcguacucu uguaugaggu c 21

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## RAW SEQUENCE LISTING

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TIME: 12:43:48

Input Set : A:\PTO.KD.txt

Output Set: N:\CRF4\02272006\J567958.raw

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138 <210> SEQ ID NO: 11
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153 <213> ORGANISM: Artificial Sequence
155 <220> FEATURE:
156 <223> OTHER INFORMATION: Synthetic oligonucleotide
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163 <211> LENGTH: 21
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165 <213> ORGANISM: Homo sapiens
167 <400> SEQUENCE: 13
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174 <213> ORGANISM: Artificial Sequence
176 <220> FEATURE:
177 <223> OTHER INFORMATION: Synthetic oligonucleotide
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186 <213> ORGANISM: Artificial Sequence
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207 <213> ORGANISM: Artificial Sequence
209 <220> FEATURE:

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## RAW SEQUENCE LISTING

DATE: 02/28/2006

PATENT APPLICATION: US/10/567,958

TIME: 12:43:48

Input Set : A:\PTO.KD.txt

Output Set: N:\CRF4\02272006\J567958.raw

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219 <213> ORGANISM: Artificial Sequence
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222 <223> OTHER INFORMATION: Synthetic oligonucleotide
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228 <210> SEQ ID NO: 19
229 <211> LENGTH: 21
230 <212> TYPE: DNA
231 <213> ORGANISM: Homo sapiens
233 <400> SEQUENCE: 19
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237 <210> SEQ ID NO: 20
238 <211> LENGTH: 21
239 <212> TYPE: DNA
240 <213> ORGANISM: Artificial Sequence
242 <220> FEATURE:
243 <223> OTHER INFORMATION: Synthetic oligonucleotide
245 <400> SEQUENCE: 20
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249 <210> SEQ ID NO: 21
250 <211> LENGTH: 21
251 <212> TYPE: DNA
252 <213> ORGANISM: Artificial Sequence
254 <220> FEATURE:
255 <223> OTHER INFORMATION: Synthetic oligonucleotide
257 <400> SEQUENCE: 21
258 aaacuugacu gcaccguugt t 21
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262 <211> LENGTH: 21
263 <212> TYPE: DNA
264 <213> ORGANISM: Homo sapiens
266 <400> SEQUENCE: 22
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272 <212> TYPE: DNA
273 <213> ORGANISM: Artificial Sequence
275 <220> FEATURE:
276 <223> OTHER INFORMATION: Synthetic oligonucleotide
278 <400> SEQUENCE: 23
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282 <210> SEQ ID NO: 24
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## RAW SEQUENCE LISTING

DATE: 02/28/2006

PATENT APPLICATION: US/10/567,958

TIME: 12:43:48

Input Set : A:\PTO.KD.txt

Output Set: N:\CRF4\02272006\J567958.raw

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284 <212> TYPE: DNA
285 <213> ORGANISM: Artificial Sequence
287 <220> FEATURE:
288 <223> OTHER INFORMATION: Synthetic oligonucleotide
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294 <210> SEQ ID NO: 25
295 <211> LENGTH: 21
296 <212> TYPE: DNA
297 <213> ORGANISM: Homo sapiens
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306 <213> ORGANISM: Artificial Sequence
308 <220> FEATURE:
309 <223> OTHER INFORMATION: Synthetic oligonucleotide
311 <400> SEQUENCE: 26
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316 <211> LENGTH: 21
317 <212> TYPE: DNA
318 <213> ORGANISM: Artificial Sequence
320 <220> FEATURE:
321 <223> OTHER INFORMATION: Synthetic oligonucleotide
323 <400> SEQUENCE: 27
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327 <210> SEQ ID NO: 28
328 <211> LENGTH: 21
329 <212> TYPE: DNA
330 <213> ORGANISM: Homo sapiens
332 <400> SEQUENCE: 28
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336 <210> SEQ ID NO: 29
337 <211> LENGTH: 21
338 <212> TYPE: DNA
339 <213> ORGANISM: Artificial Sequence
341 <220> FEATURE:
342 <223> OTHER INFORMATION: Synthetic oligonucleotide
344 <400> SEQUENCE: 29
345 auccugcaug agcaacugct t 21
348 <210> SEQ ID NO: 30
349 <211> LENGTH: 21
350 <212> TYPE: DNA
351 <213> ORGANISM: Artificial Sequence
353 <220> FEATURE:
354 <223> OTHER INFORMATION: Synthetic oligonucleotide
356 <400> SEQUENCE: 30

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**VERIFICATION SUMMARY**

PATENT APPLICATION: US/10/567,958

DATE: 02/28/2006

TIME: 12:43:49

Input Set : A:\PTO.KD.txt

Output Set: N:\CRF4\02272006\J567958.raw

L:14 M:270 C: Current Application Number differs, Replaced Current Application No

L:14 M:271 C: Current Filing Date differs, Replaced Current Filing Date



Raw Sequence Listing before editing,  
for reference only



IFWP

## RAW SEQUENCE LISTING

DATE: 02/21/2006

PATENT APPLICATION: US/10/567,958

TIME: 13:07:36

Input Set : A:\UIC0005US.NP.SEQ.txt

Output Set: N:\CRF4\02212006\J567958.raw

3 <110> APPLICANT: The Board of Trustees of the University of Illinois  
 4 Kumar, Nalin M.  
 5 Yue, Beatrice  
 6 Siddiqui, Shahid  
 7 Malik, Asrar B.  
 8 Pulido, Jose S.  
 10 <120> TITLE OF INVENTION: SILENCING OF TGF-BETA TYPE II RECEPTOR EXPRESSION BY sirNA  
 12 <130> FILE REFERENCE: UIC0005WO  
 C--> 14 <140> CURRENT APPLICATION NUMBER: US/10/567,958  
 C--> 14 <141> CURRENT FILING DATE: 2006-02-10  
 14 <150> PRIOR APPLICATION NUMBER: US 60/495,161  
 15 <151> PRIOR FILING DATE: 2003-08-13  
 17 <150> PRIOR APPLICATION NUMBER: US 60/517,809  
 18 <151> PRIOR FILING DATE: 2003-11-06  
 20 <150> PRIOR APPLICATION NUMBER: US 60/561,542  
 21 <151> PRIOR FILING DATE: 2004-04-09  
 23 <150> PRIOR APPLICATION NUMBER: PCT/US2004/025984  
 24 <151> PRIOR FILING DATE: 2004-08-10  
 26 <160> NUMBER OF SEQ ID NOS: 161  
 28 <170> SOFTWARE: PatentIn version 3.3

Does Not Comply  
 Corrected Diskette Needed  
 (PS.1)

## ERRORED SEQUENCES

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 2089 <211> LENGTH: 21  
 2090 <212> TYPE: DNA  
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 2094 <223> OTHER INFORMATION: Synthetic oligonucleotide  
 2096 <400> SEQUENCE: 161  
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 E--> 2103 - 35 -

21

deleted

VERIFICATION SUMMARY

DATE: 02/21/2006

PATENT APPLICATION: US/10/567,958

TIME: 13:07:38

Input Set : A:\UIC0005US.NP.SEQ.txt

Output Set: N:\CRF4\02212006\J567958.raw

L:14 M:270 C: Current Application Number differs, Replaced Current Application No

L:14 M:271 C: Current Filing Date differs, Replaced Current Filing Date

L:2103 M:254 E: No. of Bases conflict, this line has no nucleotides.